



Cal OES

Daily Weather Threat Briefing

Regional Operations Center

Western Region

Sunday, September 4



Day 1 (Sunday): Significant heat will be seen over much of southern California into portions of the Central Valley, with record temperatures possible and high to very high heat impacts. Critical fire weather conditions are also expected for the afternoon hours across far northeast California.



Weather Risk Outlook

Regional Operations Center
Western Region
Sunday, September 4

	Sun, Sep 4	Mon, Sep 5	Tue, Sep 6	Wed, Sep 7	Thu, Sep 8	Fri, Sep 9	Sat, Sep 10
Fire Weather Low RH / Wind / Dry T-Storms	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Thunderstorms Wind / Hail / Tornadoes	Southern	Southern	Inland (Sierra)				
Heat	All Regions	All Regions	All Regions	Inland/ Southern	Inland	Inland	All Areas
Cold							
River Flooding							
Wind							
Heavy Rain Flash Flooding / Debris Flow							
Snow							
Coastal Flooding							
Risk Levels	Little to None		Minor	Moderate	Major		Extreme



Weather Key Points

Regional Operations Center

Western Region

Sunday, September 4

- A dangerous heat wave will continue across much of the state through late week before cooler temperatures finally arrive toward next weekend
 - High to very high heat risk impacts will occur in many areas
 - Widespread daytime temperatures of 95-115°F are forecast for inland areas each day, with temperatures reaching the 80s and 90s for central and southern coastal areas. Temperatures in the 90s to around 100°F are expected to extend into northeastern California. These temperatures will be near record territory for many areas, especially Sunday through Thursday when the hottest readings are expected.
 - Warm overnight low temperatures in the 70s and 80s, and even in the 90s for some southern California foothills, will lead to poor recovery and further compound heat risk impacts
- Fire weather conditions will remain highly elevated for many areas due to the combination of hot and dry weather and locally breezy winds, especially in and around the mountains and foothills
 - Any new fires could develop and spread quickly given the record-setting nature of the heat and the ongoing drought
 - A small area of critical fire weather conditions is also expected in and around the Modoc Plateau Sunday and Monday afternoons as windy conditions overlap with the hot and dry weather
- Isolated showers and thunderstorms are expected across southern California and the central and southern Sierra Sunday and Monday, lingering over the Sierra on Tuesday
 - A few storms Sunday will be capable of producing strong winds, small hail, and locally heavy rainfall that may bring some flash flooding over southern California
 - Note that widespread rainfall is not expected



Sunday, September 4



Precipitation (inches)



Sun-Mon Heat Risk

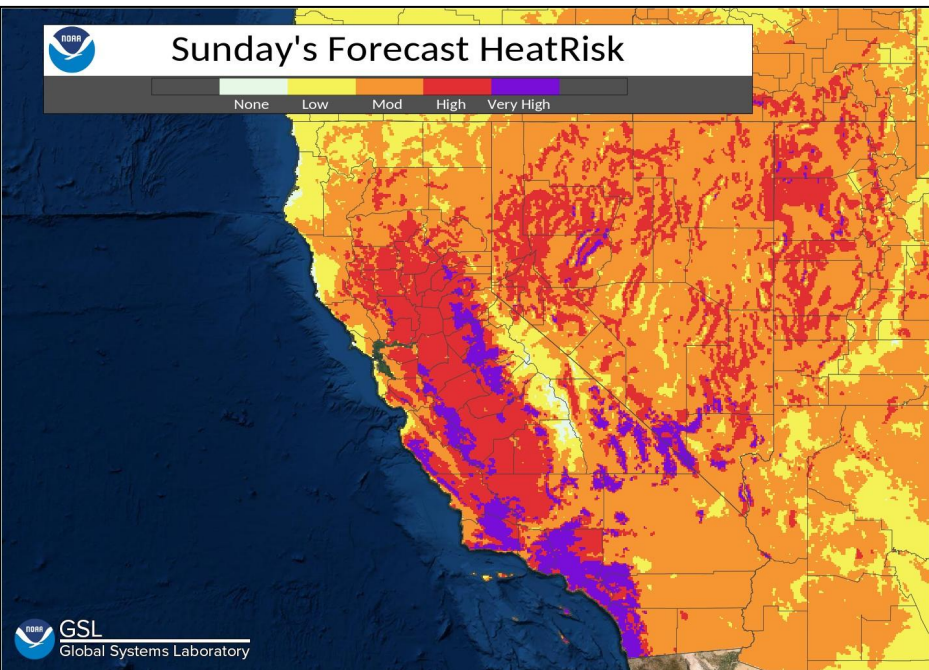
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Sunday, September 4

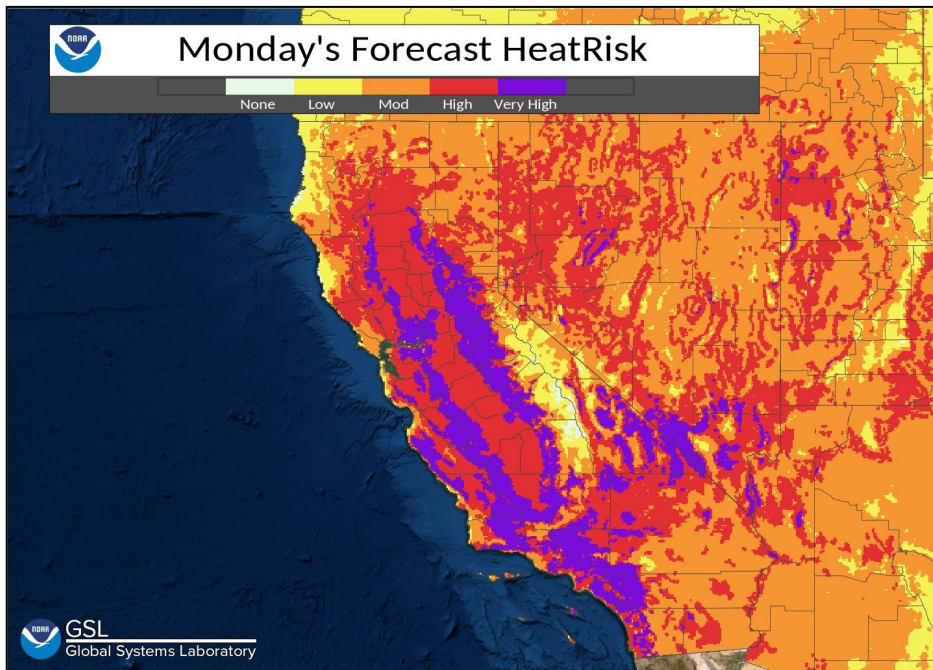
Sunday's Forecast HeatRisk

None Low Mod High Very High



Monday's Forecast HeatRisk

None Low Mod High Very High



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight

Tue-Wed Heat Risk

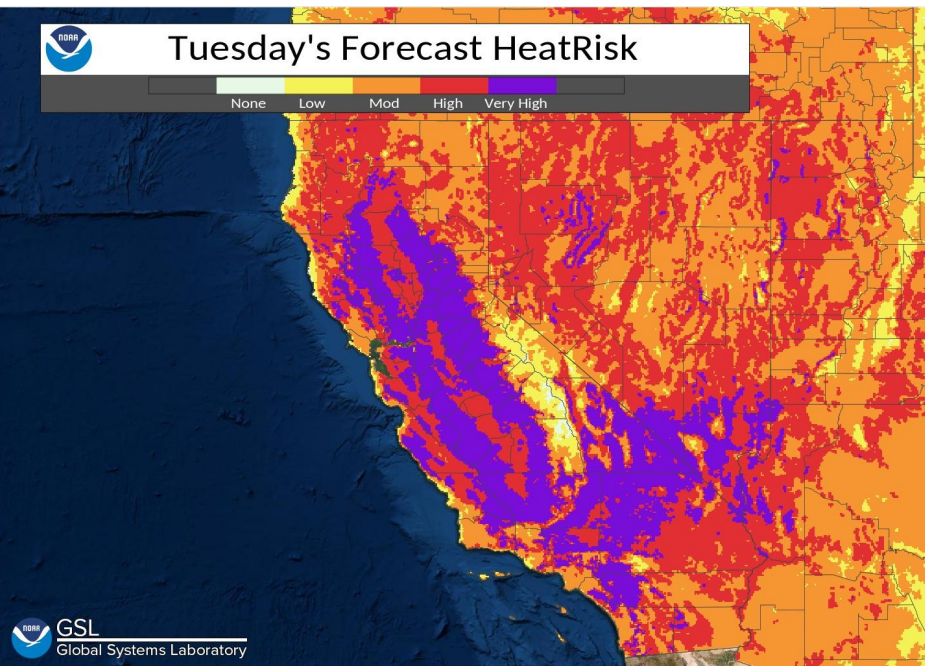
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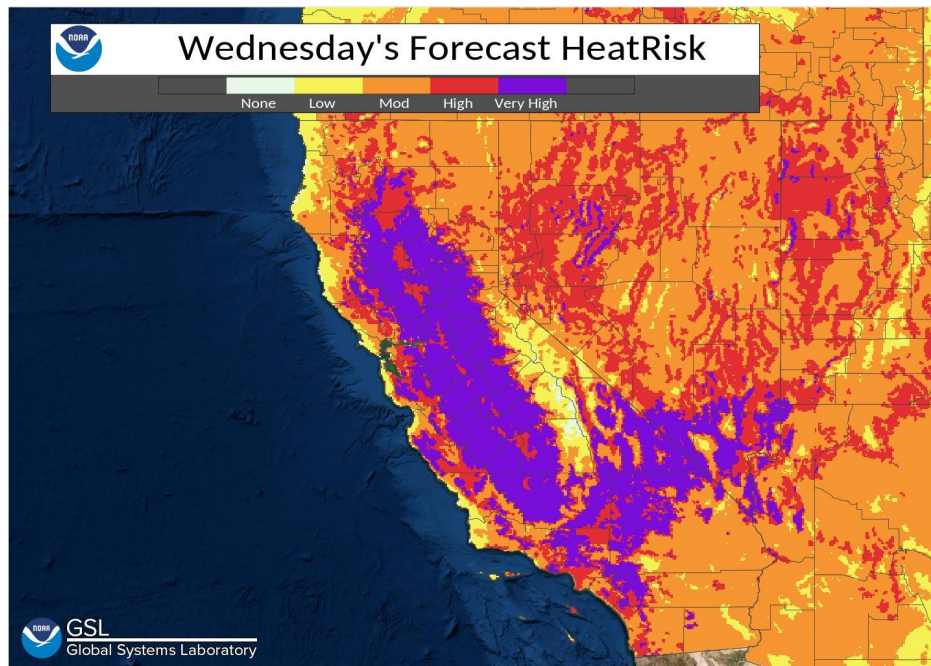
Tuesday's Forecast HeatRisk

None Low Mod High Very High



Wednesday's Forecast HeatRisk

None Low Mod High Very High



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight

Thu-Fri Heat Risk

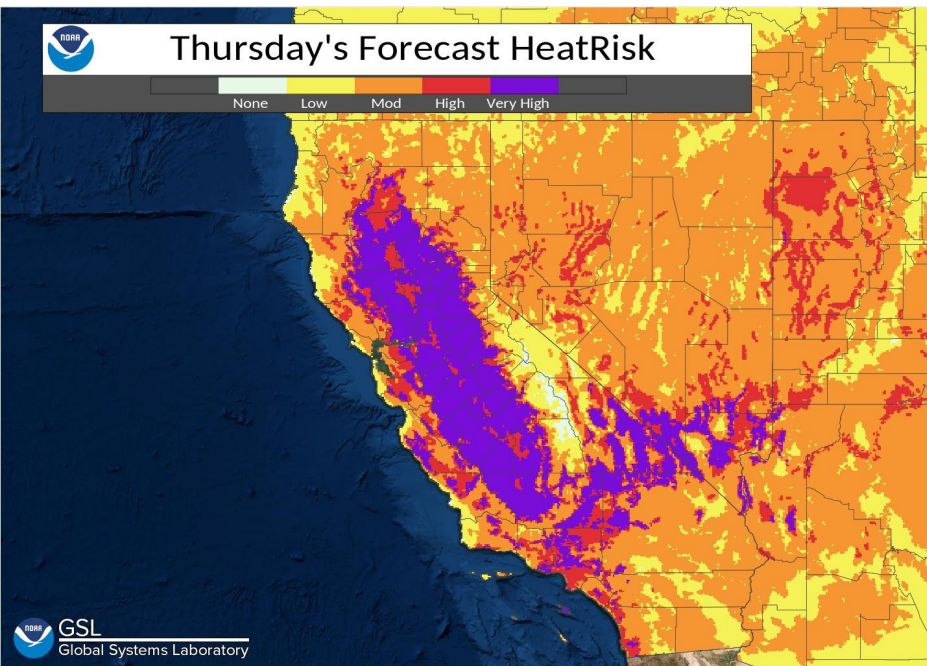
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Sunday, September 4

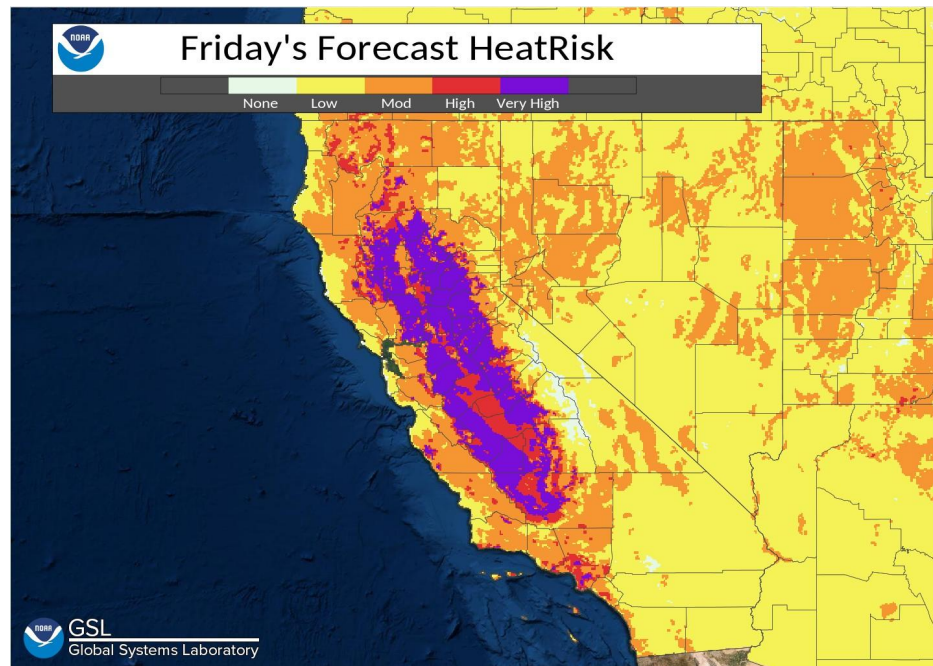
Thursday's Forecast HeatRisk

None Low Mod High Very High



Friday's Forecast HeatRisk

None Low Mod High Very High



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
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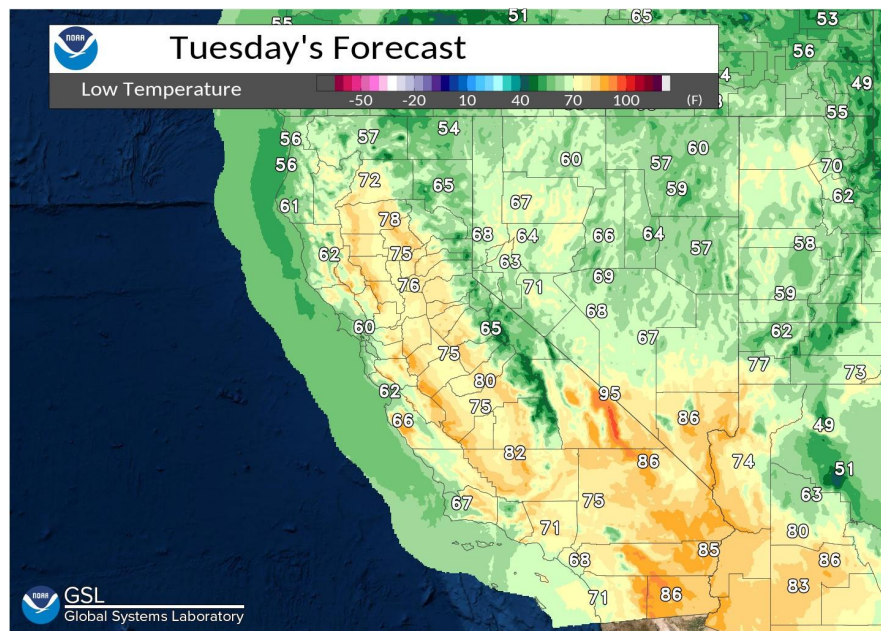
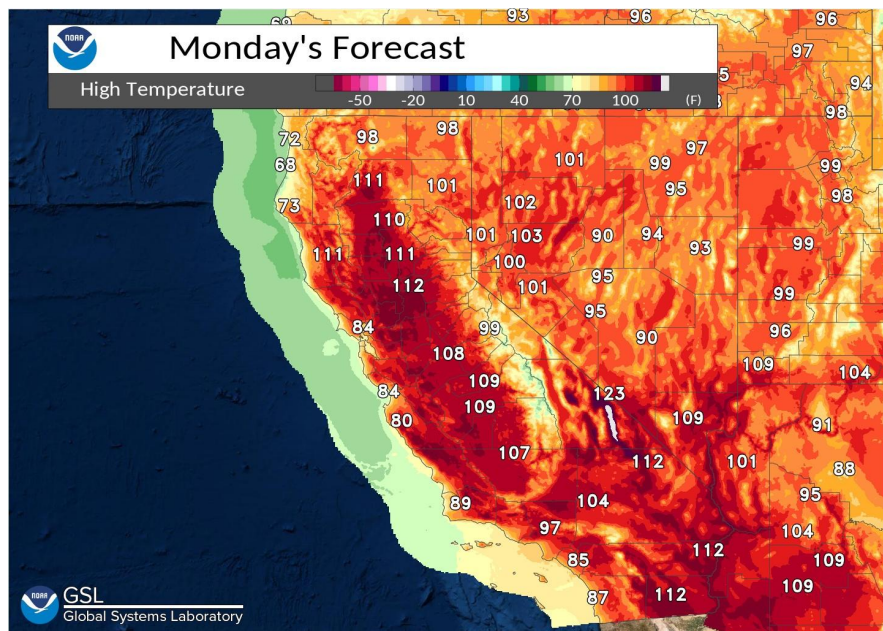
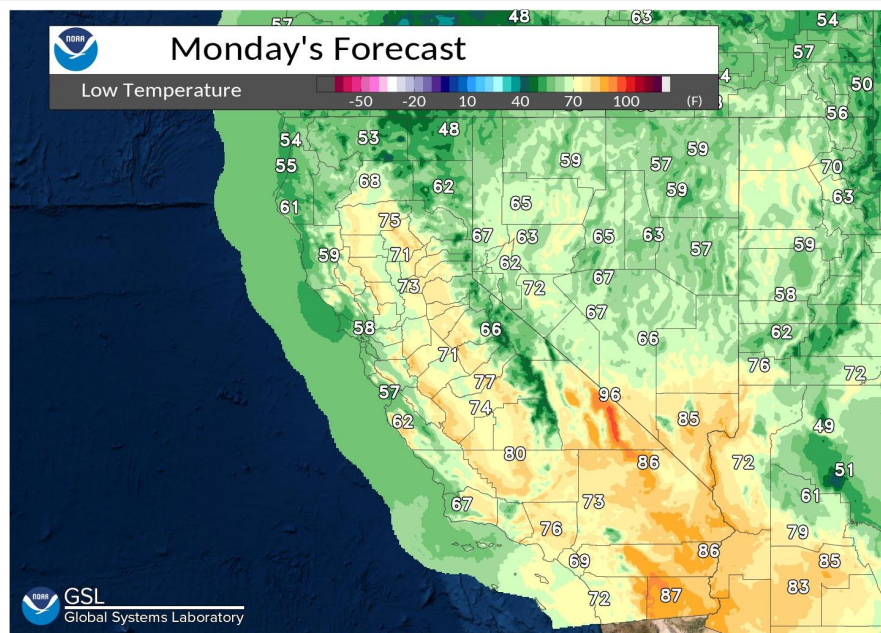
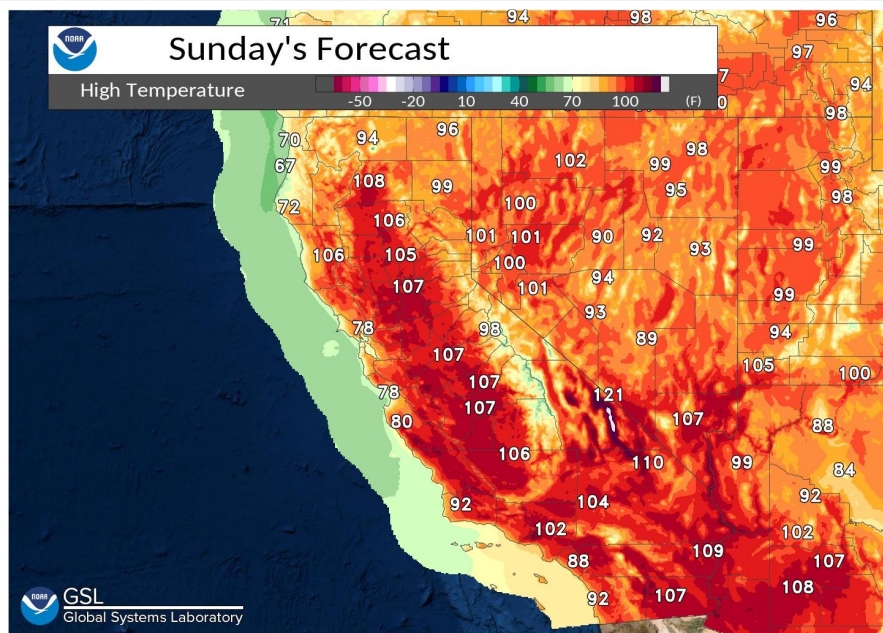


Sun-Mon Temperatures

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Sunday, September 4

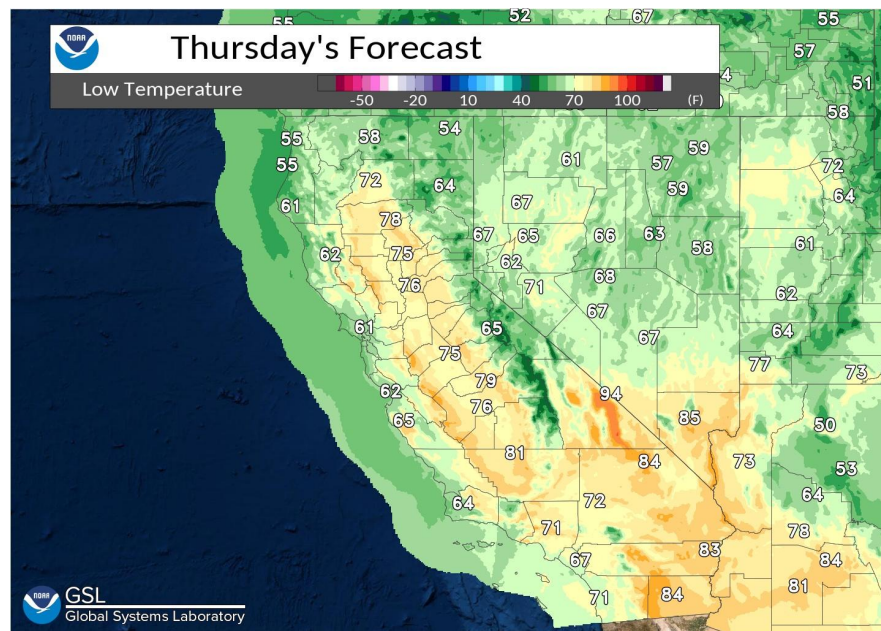
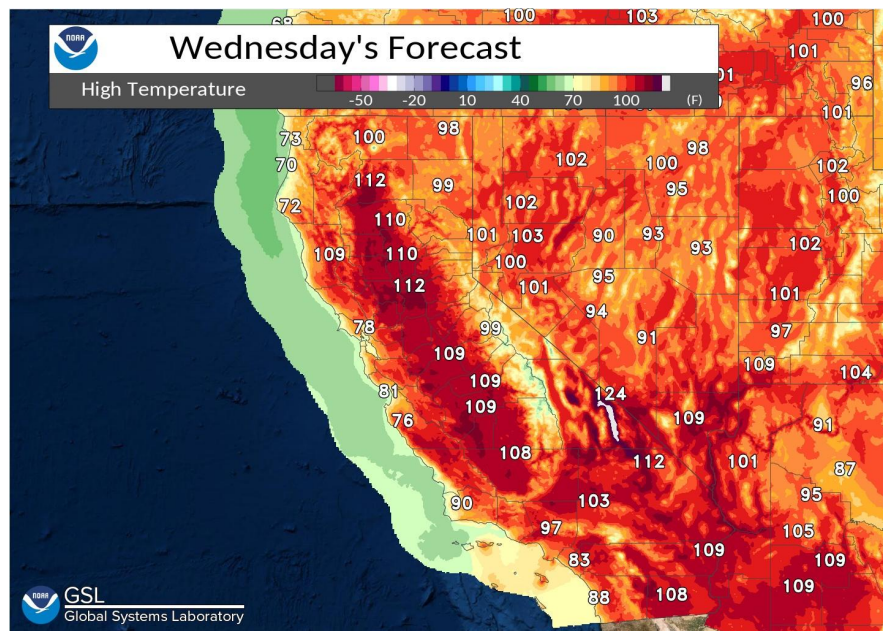
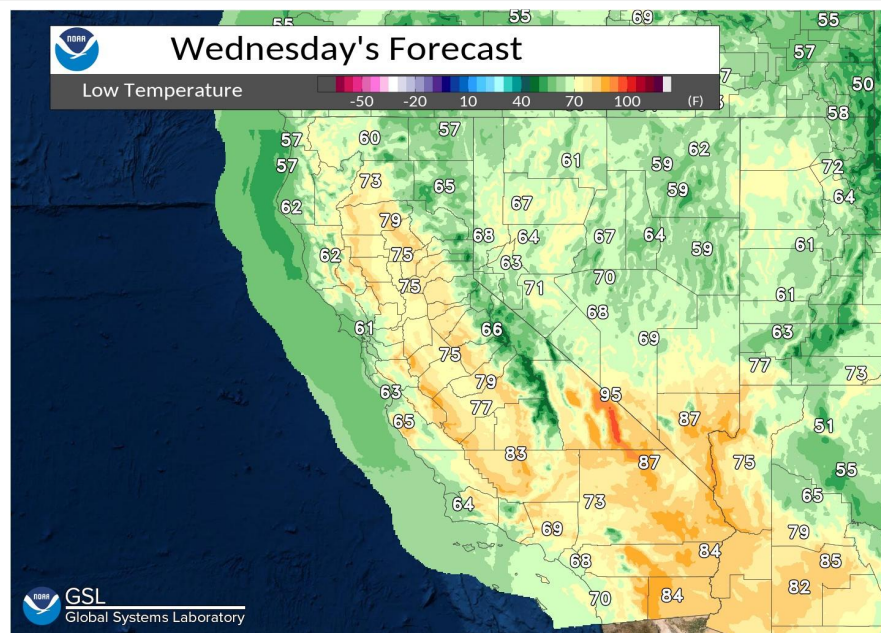
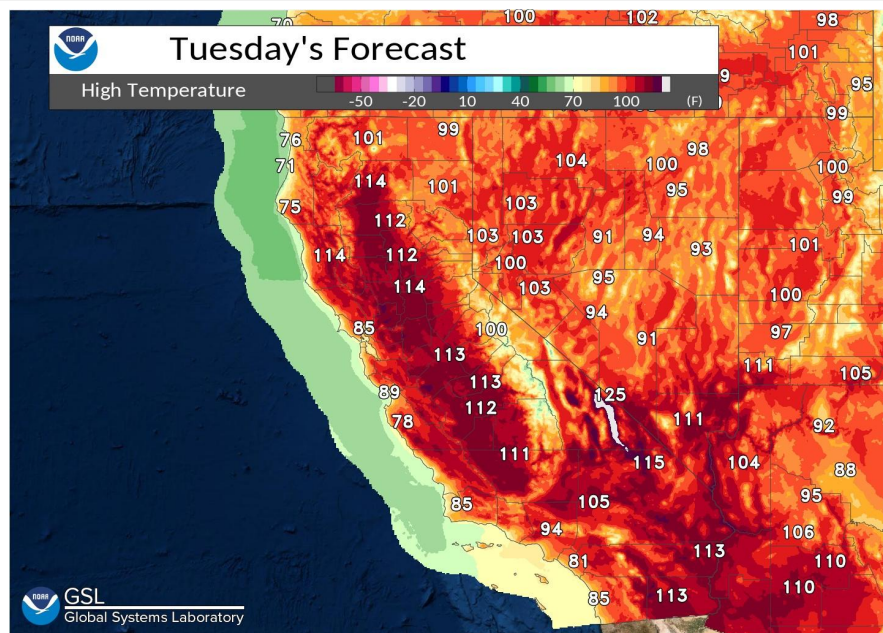


Tue-Wed Temperatures

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Sunday, September 4

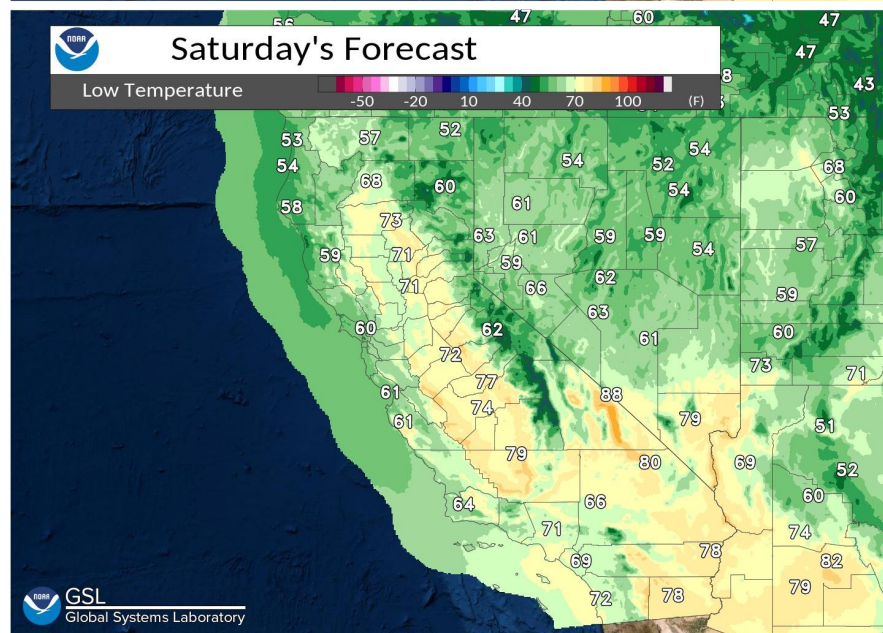
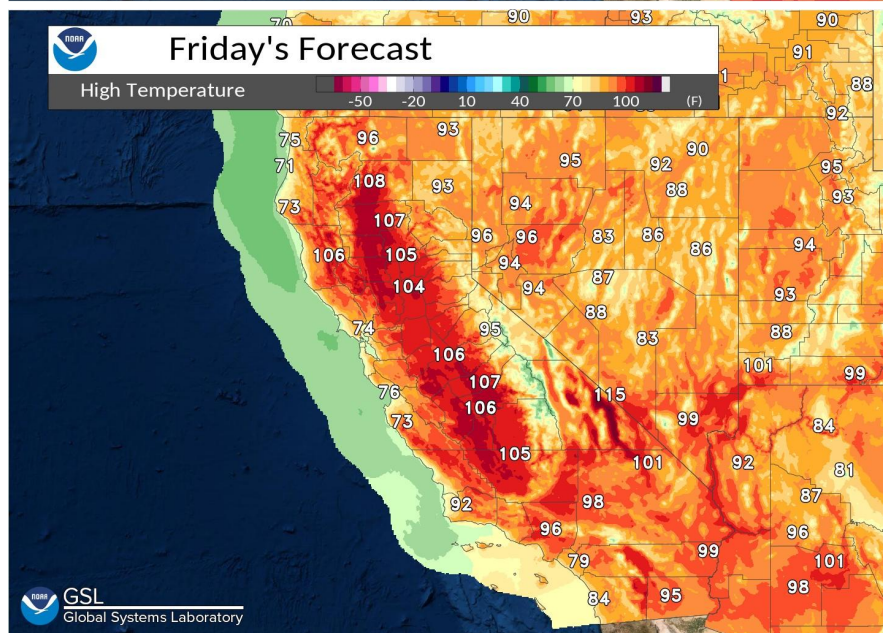
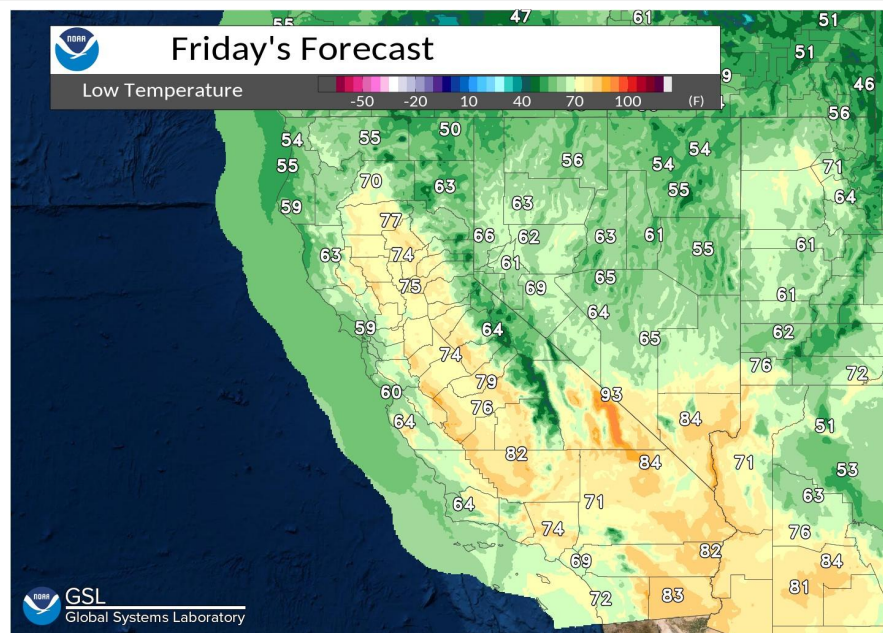
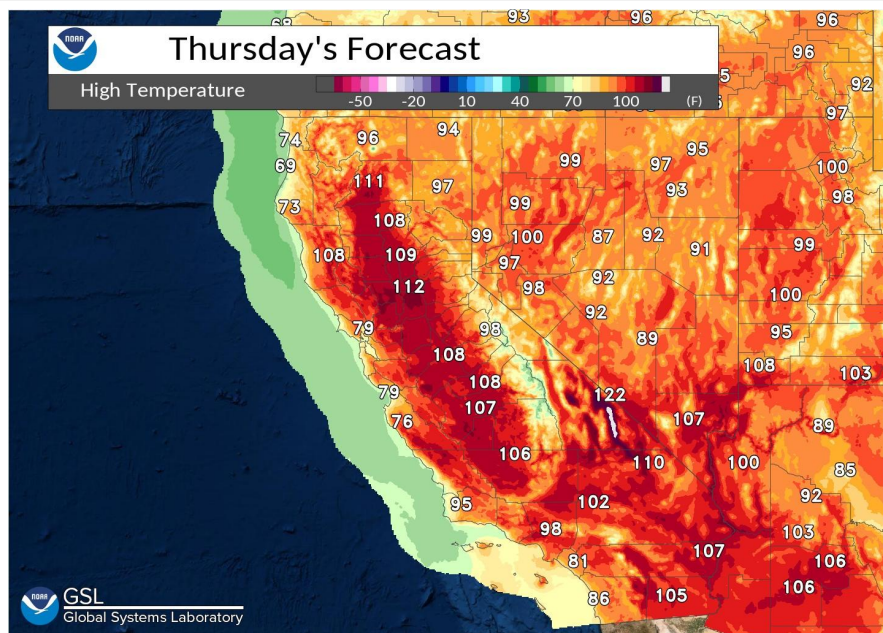


Thu-Fri Temperatures

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Sunday, September 4





Weather Outlook (6-14 Days)

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Sunday, September 4

6-10 Day Outlook (September 9 – September 13)

Temperatures

- Above normal temperatures are favored to continue statewide

Precipitation

- Above normal precipitation is slightly favored across much of southern California, with near normal precipitation favored for central portions of the state, and below normal precipitation favored across northern California

8-14 Day Outlook (September 11 – September 17)

Temperatures

- Below normal temperatures are favored along the coast and into southern California, with near normal temperatures favored across the remainder of the state.

Precipitation

- Above normal precipitation is favored statewide



Risk Assessment Matrix

Regional Operations Center

Western Region

Sunday, September 4

Impact Level Definition

- 1. Impactful weather is not expected.**
- 2. Potential threat to lives and property if no/incorrect actions are taken.**
 - Localized impacts on commerce possible.
 - Includes events that occur frequently.
- 3. Potential threat to lives and property if no/incorrect actions are taken.**
 - Impacts on commerce possible.
 - Includes events that occur a few times per year.
- 4. Actions likely needed to save lives and/or property.**
 - Significant impacts to commerce possible.
 - Includes events that occur infrequently.
- 5. Actions required to save lives and/or property.**
 - Significant and extended impacts to commerce.
 - Includes exceptionally rare events.

